

**In The Title**

Kindly delete title and all occurrences of same and replace same with the new title:

--METHOD FOR THE IDENTIFICATION OF PHYSIOLOGICALLY ACTIVE PEPTIDES AND PROCESS FOR PRODUCING SAME--

**In The Claims**

Please replace claim 1 as shown below. A marked up version of the amended claim is attached to this Amendment.

C1

1. (Twice Amended) A method for the identification of physiologically active peptides, the method comprising the steps of:

identifying amino acid sequences of receptors having one or more variants in size, the receptors being receptive of an identical ligand and being products of the same gene, wherein there is a substance or cell present in vivo having a functional antagonism against the ligand for the receptor or against a cell which expresses the receptor of the ligand; and

identifying which domain in the larger receptor is missing from the smaller receptor.

Kindly add claims 6-9 as follows:

Sub E3

6. (New) An isolated peptide which peptide is selected from the group consisting of SEQ. ID. NO: 1, SEQ. ID. NO: 2, and SEQ. ID. NO: 3.

C2

7. (New) The peptide of claim 6 wherein said peptide is produced by recombinant or synthetic chemistry methods.